

# System and Methodology for Name Searches

## Abstract

A system and methodology for name searches is described. In one embodiment, for example, a method is described for determining whether a particular name comprising one or more words matches any names on a list of names, the method comprises steps of: generating codes characterizing the particular name by generating a code for each word of the particular name that is based at least in part on phonetic sounds of the word and on whether characters of the word match a pattern occurring in a proper name in a given natural language; deriving an initial set of any matching names by comparing the codes of the particular name against corresponding codes for the list of names; and deriving a final set of any matching names by comparing words of the particular name against words of names in the initial set.